GENERAL SPECIFICATION OF HS-485HB STANDARD SERVO

1. TECHNICAL VALUES
CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
OPERATING VOLTAGE RANGE: 4.8V TO 6.0V AT 4.8V
OPERATING TEMPERATURE RANGE: -20°C TO +60°C (-4°F TO +140°F)
TEST VOLTAGE: 8mA AT STOPPED
OPERATING SPEED: 0.22sec/60° AT NO LOAD 0.18sec/60° AT NO LOAD
STALL TORQUE: 6.0kg.cm (83.3oz.in)
RUNNING CURRENT: 8mA AT STOPPED
IDLE CURRENT: 180mA/60° AT NO LOAD 10mA AT STOPPED
STALL CURRENT: 1200mA
DEAD BAND WIDTH: 1000mA
OPERATING TRAVEL: 40°/ONE SIDE PULSE TRAVELING 400usec
DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
ROTATIONAL LIFE: 10,000cycle MIN/1.3kg.cm LOADED
GEAR STRENGTH: 7.5kg.cm (104.15oz.in) MIN
MOTOR TYPE: CORED METAL BRUSH
POTENTIOMETER TYPE: 2 SLIDER/DIRECT DRIVE
AMPLIFIER TYPE: ANALOG AMPLIFIER WITH MOSFET DRIVE
DIMENSIONS: 39.8x19.8x38.0mm (1.57x0.78x1.49in)
WEIGHT: 45g (1.59oz)
BALL BEARING: TOP/MR106
GEAR MATERIAL: KARBONITE RESIN
HORN GEAR SPLINE: 24 SEGMENTS/Ø5.76
SPLINED HORNS: REGULAR/R-C,R-D,R-I,R-O,R-X
CONNECTOR WIRE LENGTH: 300mm (11.81in)
CONNECTOR WIRE STRAND COUNTER: 40EA
CONNECTOR WIRE GAUGE: 25AWG

2. FEATURES
STANDARD SIZED
HEAVY DUTY KARBONITE GEARS

3. APPLICATIONS
POPULAR MODELS

HITEC RCD KOREA, INC.